

FORM PTO-1390 (Modified)  
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES**  
**DESIGNATED/ELECTED OFFICE (DO/EO/US)**  
**CONCERNING A FILING UNDER 35 U.S.C. 371**

3790 28

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)

09/743240

INTERNATIONAL APPLICATION NO.  
PCT/EP00/04049INTERNATIONAL FILING DATE  
5 May 2000PRIORITY DATE CLAIMED  
7 May 1999

## TITLE OF INVENTION

**METHOD FOR PURIFYING SiO<sub>2</sub>-PARTICLES, DEVICE FOR CARRYING OUT SAID METHOD, AND  
 GRAIN MANUFACTURED IN ACCORDANCE WITH THE METHOD**

APPLICANT(S) FOR DO/EO/US

Jörg Becker and Joachim Nowak

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

## Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ Certificate of Mailing by Express Mail
20. ☒ Other items or information:

I certify that these documents are being transmitted by Express Mail (Label No. EL251924875US) in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on January 5, 2001.

By

  
 Andrew L. Tiajolloff

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.52) 6067170	INTERNATIONAL APPLICATION NO. PCT/EP00/04049	ATTORNEY'S DOCKET NUMBER 37904-0028
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21. The following fees are submitted:

**BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :**

- |  |                   |
|--|-------------------|
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... | <b>\$1,000.00</b> |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....   | <b>\$860.00</b>   |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....  | <b>\$710.00</b>   |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....   | <b>\$690.00</b>   |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) .....   | <b>\$100.00</b>   |

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	24 - 20 =	4	x \$18.00	\$72.00	
Independent claims	3 - 3 =	0	x \$80.00	\$0.00	

**Multiple Dependent Claims (check if applicable).**

### TOTAL OF ABOVE CALCULATIONS

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable).

**SUBTOTAL =**

Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

**TOTAL NATIONAL FEE**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

**TOTAL FEES ENCLOSED**

<b>Amount to be:</b>	<b>\$</b>
<b>refunded</b>	
<b>charged</b>	<b>\$</b>

- ☒ A check in the amount of **\$972.00** to cover the above fees is enclosed.
- ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **50-1659** A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**SEND ALL CORRESPONDENCE TO:**

**Law Office of Andrew L. Tiajolo**  
**c/o Robin, Blecker & Daley**  
**330 Madison Avenue**  
**New York, N.Y. 10017**  
**Tel No. 212-682-9640**

**SIGNATURE**

**Andrew L. Tiajolloff**

NAME \_\_\_\_\_

**31,575**

REGISTRATION NUMBER

**January 5, 2001**

DATE \_\_\_\_\_

09/743240

534 Rec'd PCT/PTO 05 JAN 2001  
PATENT  
37904-0028

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

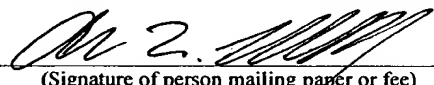
Applicants : Jörg Becker, et al.  
U.S. Serial No. : Unknown  
Int'l. Ser. No.: PCT/EP00/04049  
Filed : May 5, 2000  
Title : METHOD FOR THE CLEANING OF SiO<sub>2</sub> PARTICLES,  
DEVICE FOR THE IMPLEMENTATION OF THE  
METHOD, AND GRAIN MANUFACTURED IN  
ACCORDANCE WITH THE METHOD

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EXPRESS MAIL MAILING LABEL NUMBER EL251924875US, Date of Deposit: January 5, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Asst. Commissioner for Patents, Washington, D.C. 20231.

Andrew L. Tiajoloff  
(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

TRANSLATION